Index of Claims

Application No.

09/282,764

Examiner

Applicant(s)

PONTE ET AL

Art Unit

Donald L. Champagne

3622

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

A Appeal

I Interference

O Objected

|              |  | - Allowed |          |          |          |          |  | ,   <sup>™</sup> |          |                 |  |  |
|--------------|--|-----------|----------|----------|----------|----------|--|------------------|----------|-----------------|--|--|
|              |  |           |          |          |          |          | <u> </u>   |                  |          |                 |  |  |
| Claim        |  | Date      |          |          |          |          |  |                  |          |                 |  |  |
| Final        | Original                               | 1/1/05    |          |          |          |          |  |                  |          |                 |  |  |
|              | 1                                      |           |          |          |          |          | L  |                  |          |                 |  |  |
| _            | 4                                      | ⊢         |          | _        | -        | <u> </u> | <u> </u>   | ├-               | ⊢        | Н               |  |  |
|              | 1                                      | ├         |          |          | ╁        | ├        | $\vdash$   | -                |          | Н               |  |  |
|              | 1                                      | ┢╾        |          | ┢╌       |          | ┢╌       |  | ┝                | ┝        | Н               |  |  |
|              | 6                                      | 1         |          | $\vdash$ |          | T        |  | ┢                | _        | Н               |  |  |
|              | 6<br>7                                 | 1         |          |          |          |          |  |                  |          |                 |  |  |
|              | 8                                      | 1         |          | L_       | L        | <u> </u> | _  | L                | _        | Ш               |  |  |
|              | 9                                      | 0         | _        | <u> </u> | ┡        | ļ        | ļ  | <u> </u>         | <u> </u> | Ш               |  |  |
| <del> </del> | 10                                     | V         | $\vdash$ | -        | $\vdash$ | $\vdash$ | -  | -                | $\vdash$ | $\vdash \vdash$ |  |  |
| <u> </u>     | 12                                     | +         |          | $\vdash$ | $\vdash$ | $\vdash$ | ╁  | -                | -        | Н               |  |  |
|              | 11<br>12<br>13<br>14<br>15<br>16<br>17 | $\dagger$ | <u> </u> |          | <u> </u> | $\vdash$ | <del>                                     </del> |                  |          | H               |  |  |
|              | 14                                     |           |          |          |          |          |  |                  |          | П               |  |  |
|              | 15                                     | •         |          |          |          |          |  |                  |          |                 |  |  |
|              | 16                                     | y         |          |          | _        | _        |  |                  |          |                 |  |  |
| _            | 17                                     | 7         |          |          |          |          |  |                  |          | $\square$       |  |  |
| -            | 19                                     | 0         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |  | $\vdash$         | $\vdash$ | Н               |  |  |
| <u> </u>     | 20                                     | Ť         | -        | $\vdash$ |          |          | ┢  |                  | $\vdash$ | H               |  |  |
|              | 21                                     | 1         |          |          |          |          | T  |                  | T        | H               |  |  |
| 1-1          | 20<br>21<br>22                         |           |          |          |          |          |  |                  |          |                 |  |  |
|              | 23<br>24                               | 4         |          |          |          |          |  |                  |          |                 |  |  |
|              | 24                                     | V         |          |          | _        | ļ        | <u> </u>   | L                | <u> </u> | Ш               |  |  |
|              | 25                                     | ٧         | _        |          |          | <u> </u> | -  | -                | -        |                 |  |  |
|              | 26<br>27                               | $\vdash$  |          |          | -        | H        | <del>  -</del>                                   | _                | $\vdash$ | Н               |  |  |
|              | 28                                     | $\vdash$  |          | _        | $\vdash$ | $\vdash$ | ┢  | -                | H        | $\vdash$        |  |  |
|              | 29                                     |           |          |          |          |          |  |                  |          | П               |  |  |
|              | 30                                     |           |          |          |          |          |  |                  |          |                 |  |  |
|              | 31                                     | _         |          |          | <u> </u> | _        | <u> </u>   | _                |          | Ш               |  |  |
|              | 32                                     |           |          | ļ.,      | <u> </u> |          | -  | $\vdash$         | $\vdash$ | Н               |  |  |
| -            | 34                                     | -         |          | _        | <u> </u> | $\vdash$ | -  | $\vdash$         | -        | Н               |  |  |
|              | 35                                     |           |          |          | $\vdash$ | -        | $\vdash$   | $\vdash$         | -        | $\vdash$        |  |  |
|              | 36                                     |           |          |          | $\vdash$ | Γ        | <u> </u>   |                  | Т        | Н               |  |  |
|              | 37                                     |           |          |          |          |          |  |                  |          |                 |  |  |
|              | 38                                     |           |          |          | 匚        |          |  |                  |          |                 |  |  |
| <u> </u>     | 39                                     |           |          | L.,      | <u> </u> | _        | $oxed{}$   | <u> </u>         |          | Щ               |  |  |
| <u> </u>     | 40<br>41                               | $\dashv$  | $\vdash$ |          | H        | $\vdash$ | $\vdash$   | <u> </u>         | $\vdash$ | $\vdash \vdash$ |  |  |
| <b>-</b>     | 42                                     |           |          |          | H        | $\vdash$ | $\vdash$   | <u> </u>         | $\vdash$ | H               |  |  |
|              | 43                                     | $\exists$ |          | Н        | $\vdash$ |          | -  | -                |          | H               |  |  |
|              | 44                                     |           |          |          |          | Ė        |  |                  |          | $\square$       |  |  |
|              | 45                                     |           |          |          |          |          |  |                  |          |                 |  |  |
| لــا         | 46                                     |           |          |          |          |          |  |                  |          |                 |  |  |
|              | 47                                     |           |          |          | L        | <u> </u> | _  | _                |          | Ш               |  |  |
|              | 48<br>49                               |           | $\dashv$ |          | $\vdash$ | $\vdash$ | _  | -                | $\vdash$ | $\dashv$        |  |  |
| $\vdash$     | 50                                     | H         | $\dashv$ | $\dashv$ | _        | $\vdash$ | $\vdash$   | Н                | -        | H               |  |  |
|              |  |           |          |          |          |          | L  |                  |          | لــــا          |  |  |

| Claim        |          | Date               |                 |          |  |                 |          |  |              |                           |  |
|--------------|----------|--------------------|-----------------|----------|--|-----------------|----------|--|--------------|---------------------------|--|
|              | 1        |                    |                 |          |  | Ī               | Ī        |  | Γ            | Г                         |  |
| <u> </u>     | Original |                    | ļ               |          | į į  |                 | l        |  |              |                           |  |
| Final        | Ē        |                    | l               |          |  |                 |          |  |              | l                         |  |
|              | 0        | 1                  |                 |          | ( )  |                 |          |  |              |                           |  |
|              | 51       | $\vdash$           | $\vdash$        | $\vdash$ | $\vdash$                                     | $\vdash$        | ⊢        | $\vdash$   | $\vdash$     | $\vdash$                  |  |
| -            | 52       | ┝┈                 | $\vdash$        | ⊢        | $\vdash$                                     | $\vdash$        | $\vdash$ | ╁  | $\vdash$     | -                         |  |
|              | 53       | $\vdash$           | ├               | ₩        | H  | ├─              | $\vdash$ | ⊢  | $\vdash$     | -                         |  |
| -            | 54       | ├─                 | ⊢               | ╁╌       | H  | ├               | ₩        | $\vdash$   | <del> </del> | <del> </del>              |  |
|              | 55       | $\vdash$           | $\vdash$        | ╁        | Н  | $\vdash$        | ├─       | ├─   | ├            | $\vdash$                  |  |
| <del> </del> | 56       | ⊣                  | <del> </del>    | $\vdash$ | $\vdash$                                     | $\vdash$        | ├        | ├─   | ⊢            |                           |  |
|              | 57       | ₩                  | ├               | ₩        | H  | $\vdash$        | ⊢        | ₩  | ├─           | $\vdash$                  |  |
|              | 58       | ⊢⊣                 | <del> </del> —' | ⊢        | $\vdash$                                     | ⊣               | ₩        | ⊢  | ⊢            | -                         |  |
| -            | 59       | H                  | ₩               | ₩        | Н  | $\vdash$        | -        | ₩  | ┞            | ├                         |  |
|              | 60       | H                  | ₩               | ₩        | Н  | $\vdash$        |          | ├  | ├─           | ├—                        |  |
|              | 61       | $\vdash$           | ⊢               | ⊢        | $\vdash$                                     | Н               | $\vdash$ | ⊢  | $\vdash$     |                           |  |
|              | 61       | ₩                  | ₩               | ₩        | Щ  | H               | Ш        | ╙  | $\vdash$     | <b>!</b> —                |  |
|              | 62       | ሥ                  | $\vdash$        | ш        | ш  | ₩               | $\vdash$ | $\vdash$   | $\vdash$     | <b>Ļ</b> _                |  |
| <u> </u>     | 63       | Ш                  | Ш               | $\vdash$ | Щ  | Щ               | _        | <u> </u>   | $\sqcup$     | $ldsymbol{ldsymbol{eta}}$ |  |
|              | 64       | ╙                  | ╙               | igspace  | Щ  | $\sqcup$        | <u> </u> | igspace  | igspace      | <u> </u>                  |  |
|              | 65       | $ldsymbol{\sqcup}$ | igspace         | Ш        | <u>                                     </u> | $\square$       |          | _  | _            |                           |  |
|              | 66       |                    |                 |          |  |                 |          |  |              |                           |  |
|              | 67       |                    |                 | Ш        |  |                 |          |  |              | 11                        |  |
| L            | 68       | Ш                  | igsqcup         | Ш        | Щ  | Ш               | L_       | $ldsymbol{ld}}}}}}}}}$ | Ш            | L                         |  |
| L            | 69       | Ш                  | <u> </u>        |          | Ш  | Ш               | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  |              | L                         |  |
| L            | 70       | Щ                  | <u> </u>        |          | Ш  | Ш               |          |  |              |                           |  |
|              | 71       |                    | <u> </u>        |          | Ш  | Ш               | Ш        |  |              | L                         |  |
|              | 72       |                    |                 |          |  |                 | -        |  |              |                           |  |
| $\Box$       | 73       |                    | igsqcup         |          |  |                 |          |  |              |                           |  |
| L            | 74       |                    |                 | Ш        | $\Box$                                       |                 |          |  |              |                           |  |
|              | 75       |                    |                 |          |  |                 |          |  |              |                           |  |
|              | 76       |                    |                 |          |  |                 |          |  |              | 匚                         |  |
|              | 77       |                    |                 |          |  |                 |          |  |              |                           |  |
|              | 78<br>79 |                    |                 |          |  |                 |          |  |              | Γ_                        |  |
|              | 79       |                    |                 |          |  |                 |          | 1  |              |                           |  |
|              | 80       |                    |                 |          |  |                 |          |  |              |                           |  |
|              | 81       |                    |                 |          |  |                 |          |  |              | Γ_                        |  |
|              | 82       |                    |                 |          |  |                 |          |  |              |                           |  |
|              | 83       |                    |                 |          |  |                 |          |  |              | $\vdash$                  |  |
|              | 84       | $\Box$             | $\Box$          |          |  | $\Box$          | $\Box$   | П  |              | $\vdash$                  |  |
|              | 85       |                    |                 |          |  | $\Box$          |          | $\Box$   | $\Box$       | Г                         |  |
|              | 86       | $\Box$             | П               |          |  | $\Box$          | $\Box$   |  |              | $\vdash$                  |  |
|              | 87       |                    | $\Box$          | $\Box$   | $\Box$                                       |                 | $\Box$   | $\Box$   |              | Г                         |  |
|              | 88       |                    | П               | П        |  |                 | $\Box$   | $\Box$   | $\Box$       | $\vdash$                  |  |
|              | 89       |                    | П               | П        |  | П               | П        | $\Box$   | $\sqcap$     | $\vdash$                  |  |
|              | 90       | $\Box$             | $\Box$          | $\Box$   | $\sqcap$                                     | П               | П        | М  | М            | $\vdash$                  |  |
|              | 91       | П                  | $\Box$          | М        | П  |                 | $\vdash$ | $\vdash$   | $\vdash$     | 一                         |  |
|              | 92       | П                  | П               | М        | $\Box$                                       | П               | М        | М  | $\vdash$     | 一                         |  |
|              | 93       | П                  | П               | М        | $\Box$                                       | М               | $\vdash$ | Н  |              | 一                         |  |
|              | 94       | П                  | М               | М        | $\sqcap$                                     | $\vdash \vdash$ | $\vdash$ | H  | H            | 一                         |  |
| -            | 95       |                    | $\vdash$        | $\vdash$ | П  | $\vdash$        | М        | $\vdash$   | Н            | $\vdash$                  |  |
|              | 96       | $\sqcap$           | $\vdash$        | H        | $\vdash$                                     | Н               | $\vdash$ | H  | H            | $\vdash$                  |  |
| -            | 97       | $\vdash$           | $\vdash$        | $\vdash$ | $\vdash$                                     | $\vdash$        | $\vdash$ | $\vdash$   | $\vdash$     | <del> </del>              |  |
| $\vdash$     | 98       |                    | $\overline{}$   | $\vdash$ |  | $\vdash$        | $\vdash$ | <del>   </del>   | -            | H                         |  |
| -            | 99       | $\neg$             | $\sqcap$        | Н        |  | $\vdash$        |          | $\vdash$   | Н            | _                         |  |
| $\vdash$     | 100      | $\Box$             | $\neg$          | $\vdash$ | $\vdash$                                     | $\vdash$        |          | -  | $\vdash$     | _                         |  |
|              |          |                    |                 | 1 7      |  |                 |          | 1 1  |              | i                         |  |

| Cl              | Date              |          |  |            |          |          |   |              |              |  |
|-----------------|-------------------|----------|--|------------|----------|----------|---|--------------|--------------|--|
|                 |                   | Ī        | l  |            | Г        |          |   |              | П            | П  |
| Final           | Original          |          |  |            |          |          |   |              |              |  |
|                 | 101               |          |  |            |          |          |   |              |              |  |
|                 | 102               |          |  |            |          |          |   |              |              |  |
|                 | 103               |          |  |            | П        |          |   | Г            |              |  |
|                 | 104               |          |  |            |          |          |   |              |              |  |
|                 | 104<br>105        |          |  |            |          |          |   |              |              |  |
|                 | 106               | L.       |  |            |          |          |   |              |              |  |
|                 | 107               |          |  | <u> </u>   | 匚        | Ŀ        |   | <u> </u>     | _            |  |
|                 | 108               | L        | _  | L          | _        | L        | $ldsymbol{ld}}}}}}$ | L            | _            |  |
|                 | 109               | <u> </u> | _  | <u> </u>   | L        | _        | L   | L_           | <u> </u>     |  |
|                 | 110               | _        |  | _          | _        | L        | <u> </u>  | <u> </u>     | <u> </u>     | Ш  |
|                 | 111               | _        | _  | <u> </u>   |          | _        |   | _            |              | Ш  |
|                 | 112               | -        | 1  | ┡          | L        | _        | <u> </u>  | <u> </u>     | <u> </u>     | Ш  |
|                 | 113               | _        | <u> </u>   | ┞          | ┡        | ╙        | <u> </u>  | <u> </u>     | L            | Ш  |
| -               | 113<br>114<br>115 | ऻ_       | <u> </u>   | $\vdash$   | $\vdash$ | _        | <u> </u>  | _            | $\vdash$     |  |
|                 | 115               |          |  |            | _        | _        |   |              |              |  |
|                 | 116<br>117        |          |  |            |          | _        |   | _            | _            |  |
|                 | 117               | $\vdash$ | $\vdash$   | $\vdash$   | <u> </u> | _        | _   | $\vdash$     | $\vdash$     |  |
|                 | 118               | _        | ⊢  | _          |          | _        | _   | <u> </u>     | ┡            | Ш  |
|                 | 119               | ┝        | ├-   | ┢          | _        | -        |   | ⊢            | $\vdash$     | L  |
|                 | 120               | _        | ⊢  | ┝          | ⊢        | ⊢        | <u> </u>  | _            |              | ļ  |
| <u> </u>        | 121<br>122<br>123 | _        |  | ⊢          | <u> </u> | <u> </u> | —   | _            | <u> </u>     | <del>                                     </del> |
|                 | 122               |          |  | H          |          | 123      | -   | -            | 0.71         | (31)   |
| $\vdash$        | 123               |          | $\vdash$   | ⊢          | ┝        | -        | _   | _            |              | Н  |
| <u> </u>        | 125               | _        | $\vdash$   | -          | $\vdash$ | $\vdash$ | $\vdash$  | ├            | _            | Н  |
| <del> </del>    | 124<br>125<br>126 | $\vdash$ | $\vdash$   | ├-         | ⊢        | -        | -   | <del> </del> | $\vdash$     | Н  |
| <u> </u>        | 127               | $\vdash$ | <del>                                     </del> | $\vdash$   | ┢        | ┢        | H   | -            | -            | Н  |
| <u> </u>        | 127<br>128<br>129 | ┢        | -  | $\vdash$   | -        | -        | $\vdash$  | $\vdash$     | $\vdash$     | Н  |
| 0 40            | 129               | 5-1      | 6 4  |            | 70       |          |   | 164          | 11           |  |
|                 | 130               |          |  |            | $\vdash$ | $\vdash$ |   |              | _            |  |
|                 | 130<br>131        | -        |  |            | $\vdash$ |          |   |              | _            | Н  |
|                 | 132               | _        | _  | H          | $\vdash$ | $\vdash$ |   | T            |              | Н  |
|                 | 133               |          |  | t          |          | $\vdash$ |   |              |              | Н  |
|                 | 134               | Г        |  |            |          | Г        |   |              | Г            | П  |
|                 | 135               |          |  |            |          |          | $\overline{}$   |              | Г            | П  |
|                 | 136               |          |  |            |          |          |   |              |              | П  |
|                 | 137               |          |  |            |          |          |   |              |              |  |
|                 | 138<br>139        |          |  |            |          |          |   |              |              |  |
|                 | 139               |          | $\Box$   |            |          |          |   |              |              |  |
|                 | 140               | L        |  | <u> </u>   | L        |          |   |              |              |  |
| ļI              | 141               | <u>L</u> | L  | _          | <u> </u> | L        |   | L            |              |  |
| <u>  </u>       | 142               |          | L  | L.         | <u> </u> | <u> </u> | L_  | _            | $\Box$       |  |
| <u> </u>        | 143               | <u> </u> | L.,  | <u>L</u>   | <u> </u> | L.,      |   | <u> </u>     | $oxed{\Box}$ | Ш  |
| <u> </u>        | 144               | L        | L  | Щ.         |          | L.,      | <u> </u>  | <u> </u>     | L            | Щ  |
| $oxed{oxed}$    | 145               | L_       | L  | L          | <u> </u> | ᆫ        | <u> </u>  |              |              | Ш  |
| <u> </u>        | 146               | <u> </u> | <u> </u>   | _          |          | <u> </u> | L.  | <u> </u>     | <u> </u>     | Ш  |
|                 | 147               |          | <u> </u>   | lacksquare |          |          |   |              | <u> </u>     | Ш  |
| $\vdash \vdash$ | 148               | <u> </u> | L_   | <u> </u>   | Щ        | Ш        | Ш   | <u> </u>     | <u> </u>     | Щ  |
|                 | 149               | _        | H  |            | Щ        |          | <u> </u>  | Щ            | $\vdash$     | Щ  |
|                 | 150               |          | L  |            |          |          |   |              |              |  |